

## WEST Search History

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DATE: Tuesday, September 14, 2004

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<i>DB=USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L7	L6 and (halophyte? or mangrove?)	1
<input type="checkbox"/>	L6	L5 and (toleran? or resistan?)	105
<input type="checkbox"/>	L5	L3 and (salt or osmotic) near3 stress	145
<input type="checkbox"/>	L4	L3 and (halophyte? or mangrove?)	1
<input type="checkbox"/>	L3	L2 and (water or drought or freez? or heat or high or low or temperature)	940
<input type="checkbox"/>	L2	L1 and (vector or expression or introduce? or insert)	1016
<input type="checkbox"/>	L1	environmental near4 stress and (gene or protein or DNA or nucleic or nucleotide) and plant	1274

END OF SEARCH HISTORY

10/031,33)

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TERMINAL (ENTER 1, 2, 3, OR ?) :2

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NEWS	4	May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS	5	May 27 New UPM (Update Code Maximum) field for more efficient patent SDIs in CAplus
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NEWS	7	Jun 28 Additional enzyme-catalyzed reactions added to CASREACT
NEWS	8	Jun 28 ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG, and WATER from CSA now available on STN(R)
NEWS	9	Jul 12 BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS
NEWS	10	Jul 30 BEILSTEIN on STN workshop to be held August 24 in conjunction with the 228th ACS National Meeting
NEWS	11	AUG 02 IFIPAT/IFIUDB/IFICDB reloaded with new search and display fields
NEWS	12	AUG 02 CAplus and CA patent records enhanced with European and Japan Patent Office Classifications
NEWS	13	AUG 02 STN User Update to be held August 22 in conjunction with the 228th ACS National Meeting
NEWS	14	AUG 02 The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available
NEWS	15	AUG 04 Pricing for the Save Answers for SciFinder Wizard within STN Express with Discover! will change September 1, 2004
NEWS	16	AUG 27 BIOCOMMERCE: Changes and enhancements to content coverage
NEWS	17	AUG 27 BIOTECHABS/BIOTECHDS: Two new display fields added for legal status data from INPADOC
NEWS	18	SEP 01 INPADOC: New family current-awareness alert (SDI) available
NEWS	19	SEP 01 New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!
NEWS	20	SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS EXPRESS		JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS		STN Operating Hours Plus Help Desk Availability
NEWS INTER		General Internet Information
NEWS LOGIN		Welcome Banner and News Items
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NEWS WWW		CAS World Wide Web Site (general information)

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FILE 'STNGUIDE' ENTERED AT 09:55:29 ON 14 SEP 2004  
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COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE  
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Sep 10, 2004 (20040910/UP).

=> file caplus biosis agricola medline europatfull patents  
FILE 'ENCOMPPAT' ACCESS NOT AUTHORIZED

FILE 'CAPLUS' ENTERED AT 09:55:56 ON 14 SEP 2004  
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FILE 'MEDLINE' ENTERED AT 09:55:56 ON 14 SEP 2004

FILE 'EUROPATFULL' ENTERED AT 09:55:56 ON 14 SEP 2004  
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FILE 'CAOLD' ENTERED AT 09:55:56 ON 14 SEP 2004  
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FILE 'CROPU' ENTERED AT 09:55:56 ON 14 SEP 2004  
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COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'DPCI' ENTERED AT 09:55:56 ON 14 SEP 2004  
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'FRANCEPAT' ENTERED AT 09:55:56 ON 14 SEP 2004  
COPYRIGHT (C) 2004 INPI

FILE 'FRFULL' ENTERED AT 09:55:56 ON 14 SEP 2004  
COPYRIGHT (C) 2004 Univentio

FILE 'FSTA' ENTERED AT 09:55:56 ON 14 SEP 2004  
COPYRIGHT (C) 2004 International Food Information Service

FILE 'IFIPAT' ENTERED AT 09:55:56 ON 14 SEP 2004  
COPYRIGHT (C) 2004 IFI CLAIMS(R) Patent Services (IFI)

FILE 'INPADOC' ENTERED AT 09:55:56 ON 14 SEP 2004  
COPYRIGHT (C) 2004 European Patent Office, Vienna (EPO)

FILE 'JAPIO' ENTERED AT 09:55:56 ON 14 SEP 2004  
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FILE 'LITALERT' ENTERED AT 09:55:56 ON 14 SEP 2004  
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FILE 'PAPERCHEM2' ENTERED AT 09:55:56 ON 14 SEP 2004  
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Elsevier Engineering Information Inc. All rights reserved.

FILE 'PATDD' ENTERED AT 09:55:56 ON 14 SEP 2004  
COPYRIGHT 2004 (C) Deutsches Patent- und Markenamt (DPMA)

FILE 'PATDPA' ENTERED AT 09:55:56 ON 14 SEP 2004  
COPYRIGHT (c) 2004 Deutsches Patent- und Markenamt / FIZ Karlsruhe (DPMA/FIZ KA)

FILE 'PATDPAFULL' ENTERED AT 09:55:56 ON 14 SEP 2004  
COPYRIGHT (C) 2004 DPMA

FILE 'PATOSDE' ENTERED AT 09:55:56 ON 14 SEP 2004  
COPYRIGHT (c) 2004 WILA Verlag Muenchen (WILA)

FILE 'PATOSEP' ENTERED AT 09:55:56 ON 14 SEP 2004  
COPYRIGHT (c) 2004 WILA Verlag Muenchen (WILA)

FILE 'PATOSWO' ENTERED AT 09:55:56 ON 14 SEP 2004  
COPYRIGHT (c) 2004 WILA Verlag Muenchen (WILA)

FILE 'PCTFULL' ENTERED AT 09:55:56 ON 14 SEP 2004  
COPYRIGHT (C) 2004 Univentio

FILE 'PCTGEN' ENTERED AT 09:55:56 ON 14 SEP 2004  
COPYRIGHT (C) 2004 WIPO

FILE 'PIRA' ENTERED AT 09:55:56 ON 14 SEP 2004  
COPYRIGHT (C) 2004 Pira International

FILE 'PROUSDDR' ENTERED AT 09:55:56 ON 14 SEP 2004  
COPYRIGHT (C) 2004 Prous Science

FILE 'PS' ENTERED AT 09:55:56 ON 14 SEP 2004  
COPYRIGHT (C) 2004 Thieme on STN

FILE 'RAPRA' ENTERED AT 09:55:56 ON 14 SEP 2004  
COPYRIGHT (C) 2004 RAPRA Technology Ltd.

FILE 'RDISCLOSURE' ENTERED AT 09:55:56 ON 14 SEP 2004  
COPYRIGHT (C) 2004 Kenneth Mason Publications Ltd.

FILE 'SYNTHLINE' ENTERED AT 09:55:56 ON 14 SEP 2004  
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FILE 'TULSA' ENTERED AT 09:55:56 ON 14 SEP 2004  
COPYRIGHT (C) 2004 The University of Tulsa (UTULSA)

FILE 'TULSA2' ENTERED AT 09:55:56 ON 14 SEP 2004  
COPYRIGHT (C) 2004 The University of Tulsa (UTULSA)

FILE 'USPATFULL' ENTERED AT 09:55:56 ON 14 SEP 2004  
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 09:55:56 ON 14 SEP 2004  
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'WPIDS' ENTERED AT 09:55:56 ON 14 SEP 2004  
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'WPIFV' ENTERED AT 09:55:56 ON 14 SEP 2004  
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FILE 'WPINDEX' ACCESS NOT AUTHORIZED

=> s stress? (4a) (environment? or condition?) and (gene? or protein or DNA? or nucleic or nucleotide)

2 FILES SEARCHED...

5 FILES SEARCHED...

9 FILES SEARCHED...

15 FILES SEARCHED...

22 FILES SEARCHED...

26 FILES SEARCHED...

27 FILES SEARCHED...

35 FILES SEARCHED...

36 FILES SEARCHED...

38 FILES SEARCHED...

L1 107035 STRESS? (4A) (ENVIRONMENT? OR CONDITION?) AND (GENE? OR PROTEIN OR DNA? OR NUCLEIC OR NUCLEOTIDE)

=> s 11 and (osmotic or salt or water or ultraviolet or UV or temperature) (5a)  
stress?

5 FILES SEARCHED...

16 FILES SEARCHED...

26 FILES SEARCHED...

35 FILES SEARCHED...

38 FILES SEARCHED...

L2 15829 L1 AND (OSMOTIC OR SALT OR WATER OR ULTRAVIOLET OR UV OR TEMPER  
ATURE) (5A) STRESS?

=> s 12 and (transform? or transgenic) (3a) plant

9 FILES SEARCHED...

24 FILES SEARCHED...

38 FILES SEARCHED...

L3 2702 L2 AND (TRANSFORM? OR TRANSGENIC) (3A) PLANT

=> s 13 and (improve? or increase?) (4a) (toleran? or resistan?)

9 FILES SEARCHED...

21 FILES SEARCHED...

28 FILES SEARCHED...

34 FILES SEARCHED...

L4 1468 L3 AND (IMPROVE? OR INCREASE?) (4A) (TOLERAN? OR RESISTAN?)

=> s 14 not PY>2000

9 FILES SEARCHED...

```
17 FILES SEARCHED...
27 FILES SEARCHED...
'2000' NOT A VALID FIELD CODE
38 FILES SEARCHED...
L5      250 L4 NOT PY>2000

=> dup remov 15
DUPLICATE IS NOT AVAILABLE IN 'CAOLD, DGENE, DPCI, LITALERT, PCTGEN, PROUSDDR,
RDISCLOSURE, SYNTHLINE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L5
L6      221 DUP REMOV L5 (29 DUPLICATES REMOVED)

=> remov dup 15
DUP IS NOT VALID HERE
The DELETE command is used to remove various items stored by the
system.
```

To delete a saved query, saved answer set, saved L-number list, SDI request, batch request, mailing list, or user-defined cluster, format, or search field, enter the name. The name may include ? for left, right, or simultaneous left and right truncation.

Examples:

DELETE BIO?/Q	- delete query names starting with BIO
DELETE ?DRUG/A	- delete answer set names ending with DRUG
DELETE ?ELEC?/L	- delete L-number lists containing ELEC
DELETE ANTICOAG/S	- delete SDI request
DELETE ENZYME/B	- delete batch request
DELETE .MYCLUSTER	- delete user-defined cluster
DELETE .MYFORMAT	- delete user-defined display format
DELETE .MYFIELD	- delete user-defined search field
DELETE NAMELIST MYLIST	- delete mailing list

To delete an ordered document or an offline print, enter its number.

Examples:

DELETE P123001C	- delete print request
DELETE D134002C	- delete document order request

To delete an individual L-number or range of L-numbers, enter the L-number or L-number range. You may also enter DELETE LAST followed by a number, n, to delete the last n L-numbers. RENUMBER or NORENUMBER may also be explicitly specified to override the value of SET RENUMBER.

Examples:

DELETE L21	- delete a single L-number
DELETE L3-L6	- delete a range of L-numbers
DELETE LAST 4	- delete the last 4 L-numbers
DELETE L33-	- delete L33 and any higher L-number
DELETE -L55	- delete L55 and any lower L-number
DELETE L2-L6 RENUMBER	- delete a range of L-numbers and renumber remaining L-numbers
DELETE RENUMBER	- renumber L-numbers after deletion of intermediate L-numbers

Entire sets of saved items, SDI requests, batch requests, user-defined items, or E-numbers can be deleted.

Examples:

```
DELETE SAVED/Q - delete all saved queries
DELETE SAVED/A - delete all saved answer sets
DELETE SAVED/L - delete all saved L-number lists
DELETE SAVED - delete all saved queries, answer sets,
               and L-number lists
DELETE SAVED/S - delete all SDI requests
DELETE SAVED/B - delete all batch requests
DELETE CLUSTER - delete all user-defined clusters
DELETE FORMAT - delete all user-defined display formats
DELETE FIELD - delete all user-defined search fields
DELETE SELECT - delete all E-numbers
DELETE HISTORY - delete all L-numbers and restart the
                 session at L1
```

To delete an entire multifile SDI request, enter DELETE and the name of the request. To delete a component from the multifile SDI, enter DELETE and the name of the component.

=> d his

(FILE 'HOME' ENTERED AT 09:55:24 ON 14 SEP 2004)

FILE 'STNGUIDE' ENTERED AT 09:55:29 ON 14 SEP 2004

FILE 'CAPLUS, BIOSIS, AGRICOLA, MEDLINE, EUROPATFULL, CAOLD, CASREACT, CROPU, DGENE, DPCI, FRANCEPAT, FRFULL, FSTA, IFIPAT, INPADOC, JAPIO, LITALERT, NTIS, PAPERCHEM2, PATDD, PATDPA, PATDPAFULL, PATOSDE, PATOSEP, PATOSWO, PCTFULL, PCTGEN, PIRA, PROUSDDR, ...' ENTERED AT 09:55:56 ON 14 SEP 2004

L1 107035 S STRESS? (4A) (ENVIRONMENT? OR CONDITION?) AND (GENE? OR PROTE  
L2 15829 S L1 AND (OSMOTIC OR SALT OR WATER OR ULTRAVIOLET OR UV OR TEM  
L3 2702 S L2 AND (TRANSFORM? OR TRANSGENIC) (3A) PLANT  
L4 1468 S L3 AND (IMPROVE? OR INCREASE?) (4A) (TOLERAN? OR RESISTAN?)  
L5 250 S L4 NOT PY>2000  
L6 221 DUP REMOV L5 (29 DUPLICATES REMOVED)

=> s 15 and (freez? or heat or low or high) (3a) temperature

5 FILES SEARCHED...

16 FILES SEARCHED...

26 FILES SEARCHED...

36 FILES SEARCHED...

38 FILES SEARCHED...

L7 124 L5 AND (FREEZ? OR HEAT OR LOW OR HIGH) (3A) TEMPERATURE

=> d 17 1-20

L7 ANSWER 1 OF 124 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2000:91861 CAPLUS

DN 132:261130

TI Transgenic approaches to **increase** dehydration-stress  
tolerance in plants

AU Bajaj, Shavindra; Targolli, Jayaprakash; Liu, Li-Fei; Ho, Tuan-Hua David;  
Wu, Ray

CS Department of Molecular Biology and Genetics, Cornell University, Ithaca,  
NY, 14853, USA

SO Molecular Breeding (1999), 5(6), 493-503  
CODEN: MOBRFL; ISSN: 1380-3743

PB Kluwer Academic Publishers

DT Journal; General Review

LA English

RE.CNT 66 THERE ARE 66 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

AN 1994017186 PCTFULL ED 20020513  
 TIEN NOVEL **GENES**, POLYPEPTIDES, AND COMPOSITIONS FOR COLD TOLERANCE  
 AND DROUGHT RESISTANCE IN PLANTS  
 TIFR **GENES NOUVEAUX, POLYPEPTIDES ET COMPOSITIONS FAVORISANT LA**  
**TOLERANCE AU FROID ET LA RESISTANCE A LA SECHERESSE DES PLANTES**  
 IN GUY, Charles, L.;  
 HASKELL, Dale, W.;  
 HOFIG, Andrea;  
 NEVEN, Lisa, Gail  
 PA UNIVERSITY OF FLORIDA  
 LA English  
 DT Patent  
 PI WO 9417186 A1 19940804  
 DS W: AU BB BG BR BY CA CN CZ FI HU JP KP KR KZ LK LV MG MN MW  
       NO NZ PL RO RU SD SK UA UZ VN AT BE CH DE DK ES FR GB GR  
       IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN  
       TD TG  
 AI WO 1994-US581 A 19940121  
 PRAI US 1993-8/007,107 19930121  
 ICM C12N015-29  
 ICS C12N015:82; C12N005:10; C12N001:21; A01N003:00; C12N001:04  
  
 L7 ANSWER 85 OF 124 PCTFULL COPYRIGHT 2004 Univentio on STN  
 AN 1992019731 PCTFULL ED 20020513  
 TIEN **TRANSGENIC PLANTS WITH ALTERED POLYOL CONTENT**  
 TIFR PLANTES TRANSGENIQUES A TENEUR EN POLYOL MODIFIEE  
 IN TARCYNSKI, Mitchell, C.;  
 JENSEN, Richard, G.;  
 BOHNERT, Hans, J.;  
 VERNON, Daniel, M.  
 PA THE ARIZONA BOARD OF REGENTS on behalf of THE UNIVERSITY OF ARIZONA  
 LA English  
 DT Patent  
 PI WO 9219731 A1 19921112  
 DS W: AT AU BE CA CH DE DK ES FR GB GR IT JP LU MC NL SE  
 AI WO 1992-US3826 A 19920508  
 PRAI US 1991-697,390 19910509  
       US 1992-871,416 19920420  
 ICM C12N015-00  
  
 L7 ANSWER 86 OF 124 USPATFULL on STN  
 AN 2000:164709 USPATFULL  
 TI Plant artificial chromosome compositions and methods  
 IN Preuss, Daphne, Chicago, IL, United States  
       Copenhaver, Gregory, Oak Park, IL, United States  
 PA University of Chicago, Chicago, IL, United States (U.S. corporation)  
 PI US 6156953 20001205  
 AI US 1998-90051 19980603 (9)  
 PRAI US 1997-48451P 19970603 (60)  
       US 1998-73741P 19980205 (60)  
 DT Utility  
 FS Granted  
 LN.CNT 3342  
 INCL INCLM: 800/278.000  
       INCLS: 800/292.000; 800/298.000; 800/293.000; 800/279.000; 800/289.000;  
       800/294.000; 283/281.000; 283/284.000; 283/295.000; 283/306.000;  
       283/268.000; 283/260.000  
 NCL NCLM: 800/278.000  
       NCLS: 800/260.000; 800/268.000; 800/279.000; 800/281.000; 800/283.000;  
       800/284.000; 800/289.000; 800/292.000; 800/293.000; 800/294.000;  
       800/295.000; 800/298.000; 800/306.000  
 IC [7]  
       ICM: C12N015-87  
       ICS: A01H009-00; A01H011-00; A01H005-00; A01H001-00

AI WO 1999-US1164 A 19990115  
PRAI US 1998-09/008,186 19980116  
ICM C12N015-10  
ICS C12N015-67; C12N015-83; C12Q001-68; A01H003-00

L7 ANSWER 67 OF 124 PCTFULL COPYRIGHT 2004 Univentio on STN  
AN 1999032642 PCTFULL ED 20020515  
TIEN METHOD FOR REDUCTION OF TRANSGENE COPY NUMBER  
TIFR PROCEDE DE REDUCTION DU NOMBRE DE COPIES DE TRANSGENES  
IN LOWE, Brenda, A.;  
SPENCER, T., Michael;  
KAUSCH, Albert, P.  
PA DEKALB GENETICS CORPORATION;  
LOWE, Brenda, A.;  
SPENCER, T., Michael;  
KAUSCH, Albert, P.  
LA English  
DT Patent  
PI WO 9932642 A2 19990701  
DS W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK  
LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH GM KE LS  
MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE  
DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM  
GA GN GW ML MR NE SN TD TG

AI WO 1998-US27253 A 19981222  
PRAI US 1997-08/995,451 19971222  
ICM C12N015-82  
ICS A01H005-00

L7 ANSWER 68 OF 124 PCTFULL COPYRIGHT 2004 Univentio on STN  
AN 1999025852 PCTFULL ED 20020515  
TIEN STRESS RESISTANCE GENE  
TIFR GENE DE RESISTANCE AU STRESS  
IN OBERSCHALL, Atilla;  
HORVATH, Gssbor;  
DEAK, Mssria;  
ToeREK, Kssrolyne;  
DUDITS, Denes;  
FEHER, Atilla;  
SASS, Lssszlo;  
HIDEG, Eva;  
VASS, Imre  
PA BTG INTERNATIONAL LIMITED;  
OBERSCHALL, Atilla;  
HORVATH, Gssbor;  
DEAK, Mssria;  
ToeREK, Kssrolyne;  
DUDITS, Denes;  
FEHER, Atilla;  
SASS, Lssszlo;  
HIDEG, Eva;  
VASS, Imre  
LA English  
DT Patent  
PI WO 9925852 A1 19990527  
DS W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK  
LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH GM KE LS  
MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE  
DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM  
GA GN GW ML MR NE SN TD TG

TIFR PLANTES TRANSGENIQUES EXPRIMANT UN DOMAINE DE PROTEINE KINASE MAPKKK  
IN SHEEN, Jen;  
CHIU, Wan-Ling;  
KOVTUN, Yelena  
PA THE GENERAL HOSPITAL CORPORATION  
LA English  
DT Patent  
PI WO 2000009724 A1 20000224  
DS W: AU CA CN JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC  
NL PT SE  
AI WO 1999-US18150 A 19990810  
PRAI US 1998-60/095,938 19980810  
ICM C12N015-82  
ICS C12N005-04; C12N015-29; C12N015-54; A01H005-00; A01H005-10

L7 ANSWER 56 OF 124 PCTFULL COPYRIGHT 2004 Univentio on STN  
AN 2000008187 PCTFULL ED 20020515  
TIEN **GENES INVOLVED IN TOLERANCE TO ENVIRONMENTAL  
STRESS**  
TIFR GENES JOUANT UN ROLE DANS LA TOLERANCE AU STRESS DE  
L'ENVIRONNEMENT  
IN LEE, Jeong, Hee;  
VERBRUGGEN, Nathalie  
PA VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE;  
LEE, Jeong, Hee;  
VERBRUGGEN, Nathalie  
LA English  
DT Patent  
PI WO 2000008187 A2 20000217  
DS W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU  
SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW GH  
GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT  
BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ  
CF CG CI CM GA GN GW ML MR NE SN TD TG  
AI WO 1999-EP5652 A 19990804  
PRAI EP 1998-98202634.6 19980804  
ICM C12N015-82  
ICS C12N015-10; C12N009-12; C12N005-10; C12Q001-68; A01H005-00

L7 ANSWER 57 OF 124 PCTFULL COPYRIGHT 2004 Univentio on STN  
AN 2000000601 PCTFULL ED 20020515  
TIEN PRODUCTION OF LOW-TEMPERATURE, SALT-AND  
DROUGHT-TOLERANT TRANSGENIC CEREAL PLANTS  
TIFR PRODUCTION DE PLANTS DE CEREALES TRANSGENIQUES RESISTANTS A LA  
SECHERESSE, AU SEL ET AU FROID  
IN WU, Ray, J.  
PA CORNELL RESEARCH FOUNDATION, INC.  
LA English  
DT Patent  
PI WO 2000000601 A2 20000106  
DS W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD  
SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM KE LS  
MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY  
DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI  
CM GA GN GW ML MR NE SN TD TG  
AI WO 1999-US14572 A 19990628  
PRAI US 1998-09/107,201 19980629  
ICM C12N015-00

L7 ANSWER 58 OF 124 PCTFULL COPYRIGHT 2004 Univentio on STN

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE  
KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO  
NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US  
UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY  
KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT  
LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD  
TG

AI WO 2000-US8235 A 20000329  
PRAI US 1999-09/281,851 19990331  
ICM C12N015-86  
ICS C12N015-40; C12N007-01; A01H005-00

L7 ANSWER 42 OF 124 PCTFULL COPYRIGHT 2004 Univentio on STN  
AN 2000056905 PCTFULL ED 20020515  
TIEN METHOD FOR ENHANCING AND/OR IMPROVING PLANT GROWTH AND/OR YIELD OR  
MODIFYING PLANT ARCHITECTURE  
TIFR PROCEDE POUR ACCELERER ET/OU AMELIORER LA CROISSANCE ET/OU LE RENDEMENT  
DE VEGETAUX OU POUR MODIFIER LEUR ARCHITECTURE

IN DE VEYLDER, Lieven;  
BOUDOLF, Veronique, Katelijne, Cecile, Kristien;  
BEEMSTER, Gerardus, Theodorus, Simon;  
INZE, Dirk;  
BURSSENS, Sylvia  
PA CROPDESIGN N.V.;  
DE VEYLDER, Lieven;  
BOUDOLF, Veronique, Katelijne, Cecile, Kristien;  
BEEMSTER, Gerardus, Theodorus, Simon;  
INZE, Dirk;  
BURSSENS, Sylvia

LA English  
DT Patent  
PI WO 2000056905 A2 20000928  
DS W:

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE  
DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE  
KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO  
NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US  
UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY  
KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT  
LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD  
TG

AI WO 2000-EP2441 A 20000320  
PRAI EP 1999-99105671.4 19990319  
ICM C12N015-82  
ICS C12N015-29; C12N005-10; A01H005-00; C12N009-12

L7 ANSWER 43 OF 124 PCTFULL COPYRIGHT 2004 Univentio on STN  
AN 2000052182 PCTFULL ED 20020515  
TIEN USE OF GLUTATHIONE-S-TRANSFERASE TO **INCREASE** STRESS  
**TOLERANCE** IN PLANTS

TIFR UTILISATION DE GLUTATHIONE-S-TRANSFERASE POUR AUGMENTER LA RESISTANCE AU  
STRESS DE PLANTES

IN DROST, Dirk, Cooper;  
BUREN, Lawrence, Lamont;  
JEPSON, Ian;  
DALY, Allan  
PA ZENECA LIMITED;  
DROST, Dirk, Cooper;  
BUREN, Lawrence, Lamont;  
JEPSON, Ian;  
DALY, Allan

LA English  
DT Patent  
PI WO 2000052182 A1 20000908  
DS W:

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

TIEN THE MAIZE RS324 PROMOTER AND METHODS FOR USE THEREOF  
 TIFR PROMOTEUR RS324 DU MAIS ET PROCEDES D'UTILISATION DE CE PROMOTEUR  
 IN MCELROY, David;  
 OROZCO, Emil, M., Jr.;  
 LACCETTI, Lucille, B.  
 PA DEKALB GENETICS CORPORATION;  
 MCELROY, David;  
 OROZCO, Emil, M., Jr.;  
 LACCETTI, Lucille, B.  
 LA English  
 DT Patent  
 PI WO 2000070066 A1 20001123  
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE  
       DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE  
       KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO  
       NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US  
       UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY  
       KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT  
       LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD  
       TG  
 AI WO 2000-US13301 A 20000512  
 PRAI US 1999-09/312,285 19990514  
 ICM C12N015-82  
 ICS C12N015-29; A01H005-00  
  
 L7 ANSWER 40 OF 124 PCTFULL COPYRIGHT 2004 Univentio on STN  
 AN 2000070016 PCTFULL ED 20020515  
 TIEN GENETICALLY MODIFIED PLANTS TOLERANT OF STRESS  
 CONDITIONS  
 TIFR PLANTES GENETIQUEMENT MODIFIEES TOLERANTES VIS-A-VIS DE  
 CONDITIONS DE STRESS  
 IN GALILI, Gad;  
 AMIR, Rachel  
 PA YEDA RESEARCH AND DEVELOPMENT CO. LTD.;  
 GAVISH-GALILEE BIO APPLICATIONS LTD.;  
 GALILI, Gad;  
 AMIR, Rachel  
 LA English  
 DT Patent  
 PI WO 2000070016 A2 20001123  
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE  
       DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE  
       KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ  
       NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG  
       US UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM  
       AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR  
       IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE  
       SN TD TG  
 AI WO 2000-IL281 A 20000518  
 PRAI IL 1999-130014 19990518  
  
 L7 ANSWER 41 OF 124 PCTFULL COPYRIGHT 2004 Univentio on STN  
 AN 2000058487 PCTFULL ED 20020515  
 TIEN INSECT VIRAL VECTORS AND USES THEREOF  
 TIFR VECTEURS A BASE DE VIRUS D'INSECTE ET LEURS UTILISATIONS  
 IN DASGUPTA, Ranjit, K.;  
 GOODMAN, Robert  
 PA WISCONSIN ALUMNI RESEARCH FOUNDATION;  
 DASGUPTA, Ranjit, K.;  
 GOODMAN, Robert  
 LA English  
 DT Patent  
 PI WO 2000058487 A2 20001005  
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

L7 ANSWER 23 OF 124 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAC84154 DNA DGENE  
TI Novel nucleic acids useful for producing genetically modified plants with improved stress tolerance and capable of expressing homoserine acetyltransferase -  
IN Galili G; Amir R  
PA (YEDA) YEDA RES & DEV CO LTD.  
(GAVI-N) GAVISH-GALILEE BIO APPL LTD.  
PI WO 2000070016 A2 20001123 89p  
AI WO 2000-IL281 20000518  
PRAI IL 1999-130014 19990518  
DT Patent  
LA English  
OS 2001-016222 [02]  
DESC S. cerevisiae met25 DNA amplifying primer P3.

L7 ANSWER 24 OF 124 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAC84153 DNA DGENE  
TI Novel nucleic acids useful for producing genetically modified plants with improved stress tolerance and capable of expressing homoserine acetyltransferase -  
IN Galili G; Amir R  
PA (YEDA) YEDA RES & DEV CO LTD.  
(GAVI-N) GAVISH-GALILEE BIO APPL LTD.  
PI WO 2000070016 A2 20001123 89p  
AI WO 2000-IL281 20000518  
PRAI IL 1999-130014 19990518  
DT Patent  
LA English  
OS 2001-016222 [02]  
DESC S. cerevisiae met2 DNA amplifying primer P2.

L7 ANSWER 25 OF 124 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAC84152 DNA DGENE  
TI Novel nucleic acids useful for producing genetically modified plants with improved stress tolerance and capable of expressing homoserine acetyltransferase -  
IN Galili G; Amir R  
PA (YEDA) YEDA RES & DEV CO LTD.  
(GAVI-N) GAVISH-GALILEE BIO APPL LTD.  
PI WO 2000070016 A2 20001123 89p  
AI WO 2000-IL281 20000518  
PRAI IL 1999-130014 19990518  
DT Patent  
LA English  
OS 2001-016222 [02]  
DESC S. cerevisiae met2 DNA amplifying primer P1.

L7 ANSWER 26 OF 124 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAV39852 DNA DGENE  
TI Transgenic plant with altered glycine betaine synthesis - has increased freezing and choline tolerance, useful for protecting commercial plants against environmental stresses  
IN Buelow L; Holmberg N; Liljus G  
PA (BUEL-I) BUELOW L.  
PI WO 9826081 A1 19980618 40p  
AI WO 1997-EP6874 19971209  
PRAI SE 1996-4532 19961209  
DT Patent  
LA English  
OS 1998-348535 [30]  
DESC Beta vulgaris choline monooxygenase gene cloning oligonucleotide #2.

PA Lab., 700 Higashibara, Toyoda-cho, Iwata-gun, Shizuoka 438, JP  
Japan Tobacco Inc., 2-1 Toranomon, 2-Chome, Minato-Ku Tokyo 105, JP  
SO Wila-EPZ-1999-H13-T1a  
DS R DE; R DK; R ES; R FR; R GB; R IE; R IT; R NL; R PT  
PIT EPA1 EUROPÄISCHE PATENTANMELDUNG (Internationale Anmeldung)  
PI EP 905242 A1 19990331  
OD 19990331  
AI EP 1997-909592 19971023  
PRAI US 1996-736287 19961024  
RLI WO 97-JP3828 971023 INTAKZ  
WO 9817803 980430 INTPNR  
IC ICM C12N015-29  
ICS A01H005-00

L7 ANSWER 13 OF 124 EUROPATFULL COPYRIGHT 2004 WILA on STN

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 891702 EUROPATFULL ED 19990204 EW 199903 FS OS  
TIEN PROCESS FOR CONSTRUCTING TEMPERATURE-TOLERANT PLANTS.  
TIDE VERFAHREN ZUR HERSTELLUNG TEMPERATUR-TOLERANTER PFLANZEN.  
TIFR PROCEDE D'OBTENTION PAR RECOMBINAISON DE PLANTES INSENSIBLES A LA  
TEMPERATURE.  
IN MURATA, Norio, 14-64-602, Fubuki-cho Okazaki-shi, Aichi 444, JP  
PA SUNTORY LIMITED, 1-40, Dojimahama 2-chome, Kita-ku, Osaka-shi, Osaka-fu  
530, JP  
SO Wila-EPZ-1999-H03-T3a  
DS R AT; R BE; R CH; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE; R IT;  
R LI; R LU; R MC; R NL; R PT; R SE  
PIT EPA1 EUROPÄISCHE PATENTANMELDUNG (Internationale Anmeldung)  
PI EP 891702 A1 19990120  
OD 19990120  
AI EP 1996-943340 19961227  
PRAI JP 1995-343354 19951228  
JP 1996-97534 19960327  
RLI WO 96-JP3873 961227 INTAKZ  
WO 9724026 970710 INTPNR  
IC ICM A01H005-00

L7 ANSWER 14 OF 124 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN AAB48006 Protein DGENE  
TI Novel nucleic acids useful for producing genetically  
modified plants with improved stress tolerance and  
capable of expressing homoserine acetyltransferase -  
IN Galili G; Amir R  
PA (YEDA) YEDA RES & DEV CO LTD.  
(GAVI-N) GAVISH-GALILEE BIO APPL LTD.  
PI WO 2000070016 A2 20001123 89p  
AI WO 2000-IL281 20000518  
PRAI IL 1999-130014 19990518  
DT Patent  
LA English  
OS 2001-016222 [02]  
CR N-PSDB: AAC84158  
DESC L. meyeri metX protein.

L7 ANSWER 15 OF 124 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN AAB48005 Protein DGENE  
TI Novel nucleic acids useful for producing genetically  
modified plants with improved stress tolerance and  
capable of expressing homoserine acetyltransferase -  
IN Galili G; Amir R  
PA (YEDA) YEDA RES & DEV CO LTD.  
(GAVI-N) GAVISH-GALILEE BIO APPL LTD.

LN.CNT 1776  
INCL INCLM: 435/172.300  
INCLS: 435/069.100; 435/069.700; 435/070.100; 435/100.000; 435/105.000;  
435/209.000; 800/205.000; 800/DIG.044  
NCL NCLM: 800/284.000  
NCLS: 435/069.100; 435/069.700; 435/070.100; 435/100.000; 435/105.000;  
435/209.000; 800/279.000; 800/288.000; 800/289.000  
IC [6]  
ICM: C12N015-56  
ICS: C12N015-62; C12N015-82; C12N015-29  
EXF 435/69.1; 435/69.7; 435/70.1; 435/172.3; 435/100; 435/105; 435/209;  
800/205; 800/DIG.44  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 121 OF 124 USPATFULL on STN  
AN 95:105960 USPATFULL  
TI Stress-induced **proteins**, **genes** coding therefor,  
transformed cells of organisms, methods and applications  
IN Kondo, Keiji, Edison, NJ, United States  
Inouye, Masayori, Bridgewater, NJ, United States  
PA The University of Medicine and Dentistry of New Jersey, Newark, NJ,  
United States (U.S. corporation)  
PI US 5470971 19951128  
AI US 1991-667276 19910311 (7)  
DT Utility  
FS Granted  
LN.CNT 2279  
INCL INCLM: 536/023.700  
INCLS: 536/024.100; 435/069.100; 435/172.300; 435/252.300; 435/254.200;  
435/254.210; 435/320.100  
NCL NCLM: 536/023.700  
NCLS: 435/069.100; 435/252.300; 435/254.200; 435/254.210; 435/320.100;  
536/024.100  
IC [6]  
ICM: C12N015-31  
ICS: C12N015-81  
EXF 536/27.7; 536/24.1; 435/172.3; 435/320.1; 435/252.3; 435/69.1;  
435/254.2; 435/254.21  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 122 OF 124 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN  
AN 2001-016222 [02] WPIDS  
DNC C2001-004527  
TI Novel **nucleic acids** useful for producing **genetically**  
modified plants with **improved stress tolerance** and  
capable of expressing homoserine acetyltransferase.  
DC C06 D16  
IN AMIR, R; GALILI, G  
PA (GAVI-N) GAVISH-GALILEE BIO APPL LTD; (YEDA) YEDA RES & DEV CO LTD  
CYC 93  
PI WO 2000070016 A2 20001123 (200102)\* EN 89 C12N000-00  
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ  
NL OA PT SD SE SL SZ TZ UG ZW  
W: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ  
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
AU 2000046078 A 20001205 (200113) C12N000-00  
ADT WO 2000070016 A2 WO 2000-IL281 20000518; AU 2000046078 A AU 2000-46078  
20000518  
FDT AU 2000046078 A Based on WO 2000070016  
PRAI IL 1999-130014 19990518  
IC ICM C12N000-00

L7 ANSWER 123 OF 124 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN  
AN 1998-348535 [30] WPIDS  
DNN N1998-271961 DNC C1998-107836  
TI **Transgenic plant** with altered glycine betaine synthesis - has **increased** freezing and choline tolerance, useful for protecting commercial plants against environmental stresses.  
DC B04 D16 P13  
IN BUELOW, L; HOLMBERG, N; LILIU, G  
PA (BUEL-I) BUELOW L  
CYC 80  
PI WO 9826081 A1 19980618 (199830)\* EN 40 C12N015-82  
RW: AT BE CH DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA  
PT SD SE SZ UG ZW  
W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE  
GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK  
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US  
UZ VN YU ZW  
AU 9856607 A 19980703 (199847) C12N015-82  
ADT WO 9826081 A1 WO 1997-EP6874 19971209; AU 9856607 A AU 1998-56607 19971209  
FDT AU 9856607 A Based on WO 9826081  
PRAI SE 1996-4532 19961209  
IC ICM C12N015-82  
ICS A01H005-00; C12N009-04

L7 ANSWER 124 OF 124 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN  
AN 1997-034379 [03] WPIDS  
DNC C1997-010805  
TI New *Nicotiana plumbaginifolia* epoxidase gene - involved in abscisic acid biosynthesis, useful for generating transgenic plants with increased resistance to environmental stresses..  
DC C06 D16  
IN MARIN, E; MARION, P A; MARION-POLL, A  
PA (INRG) INRA INST NAT RECH AGRONOMIQUE; (INRG) INST NAT RECH AGRONOMIQUE  
CYC 27  
PI WO 9638566 A1 19961205 (199703)\* FR 61 C12N015-53  
RW: AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
W: AU BG BR CA HU NO RO RU US  
FR 2734838 A1 19961206 (199705) 55 C12N015-52  
AU 9662283 A 19961218 (199714) C12N015-53  
EP 828836 A1 19980318 (199815) FR C12N015-53  
R: AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE  
ADT WO 9638566 A1 WO 1996-FR820 19960531; FR 2734838 A1 FR 1995-6466 19950531;  
AU 9662283 A AU 1996-62283 19960531; EP 828836 A1 EP 1996-920877 19960531,  
WO 1996-FR820 19960531  
FDT AU 9662283 A Based on WO 9638566; EP 828836 A1 Based on WO 9638566  
PRAI FR 1995-6466 19950531  
IC ICM C12N015-52; C12N015-53  
ICS C07H021-00; C12N015-82